



US Army Corps  
of Engineers®



## Waukegan Harbor, IL

### Project Features

- Located on Lake Michigan in the city of Waukegan, Lake County, Illinois
- Authorization: River and Harbor Acts of 1880, 1882, 1902, 1945, 1965, and 1970.
- Controlling depths 22 ft. in the Lake Michigan harbor approach, and 18 ft. in the outer harbor and inner basin areas.
- 643K tons shipped or received in 2005.
- 6,051 linear feet of timber crib, steel sheet pile, or concrete caisson breakwater structures, plus 1,076 linear feet of steel pile revetments.
- The Federal channel length within the harbor is 1.35 miles.
- Local stakeholders include National Gypsum, Lafarge Cement, and St. Mary's Cement, Inc.

### Project Needs

- The Federal channel in the outer harbor is maintained at authorized depths east of the northern pier. The channel area inside the pier has not been dredged for over 25 years due to the contamination present in the inner harbor. The average loss of depth between the piers is nearly 5.0 ft. 60K yards of material are planned for removal when an upland disposal site can be successfully located.
- The Federal Channel in the inner harbor is part of a Superfund site due to PCB contamination. 230K cubic yards of contaminated sediment will be removed. USEPA is currently working to perform this cleanup using Great Lakes National Program Office funding, with matching funds from local entities. The average loss of depth in the inner harbor areas is nearly 3.8 ft.



### Consequences of Not Maintaining the Project

- Light loading - loss of between 4 and 5 feet of channel depth due to shoaling and lake level results in increased transportation costs of between \$2.3M and \$3.0M annually.
- If annual dredging were to terminate, within 2 years both the National Gypsum Drywall Plant and the LaFarge Cement Terminal in the harbor would permanently close down. St. Mary's Cement would attempt to truck materials from Milwaukee.

### Transportation Importance

- Commodities handled are bulk cement and gypsum rock.
- The harbor is a safe refuge on southern Lake Michigan for barges and vessels traveling north from or south to the Port of Chicago.
- Bulk commodities that pass through the harbor generate nearly \$8.5M annually in direct revenue which supports 117 jobs.
- These jobs generate nearly \$4.3M per year in personal income

**U.S. Army Corps of Engineers Fiscal Year (FY) 2007, 2008 and 2009  
Waukegan Harbor, IL Project Needs and President's Budget (\$1,000)**

<b>Work Package</b>	<b>FY07 Need</b>	<b>FY07 Work Plan</b>	<b>FY08 Need</b>	<b>FY08 Budget</b>	<b>Revised FY09 Need</b>	<b>FY09 Budget *</b>
Harbor Routine Operations – Project Condition Surveys	80		80		83	
Primary Dredging Harbor Approach Channel	704	79	718	718	1,016	
Backlog Dredging Harbor Approach Channel			500			
Dredging Outer Harbor Channel			1,000			
Backlog Dredging Outer Harbor Channel					**	
Breakwater Repair North Pier (by Gov't Plant)					1,010	
<b>TOTALS</b>	<b>784</b>	<b>79</b>	<b>2,298</b>	<b>718</b>	<b>2,109</b>	

\* FY09 President's Budget will be available in February 2008

\*\* Work on the Outer Harbor Channel Dredging has been suspended. No additional need will be shown until the port issues have been resolved.